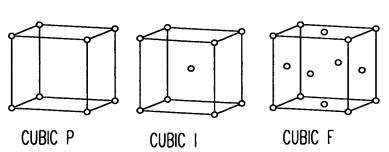
JUN 1 8 2004 AND TRADEMENT

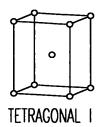
THREE-DIMENSIONAL COMPLETE BANDGAP PHOTONIC CRYSTAL FORMED BY CRYSTAL MODIFICATION

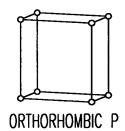
INVENTORS NAME: Leonard Forbes SERIAL NO.: 10/053,003

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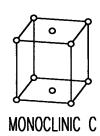


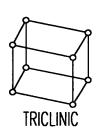


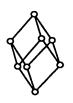


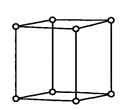












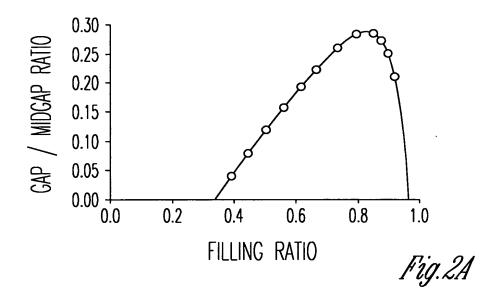
TRIGONAL R

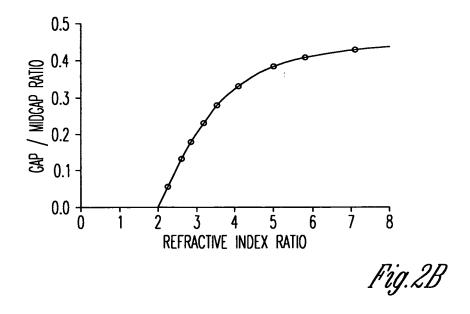
TRIGONAL AND HEXAGONAL P

Fig. 1

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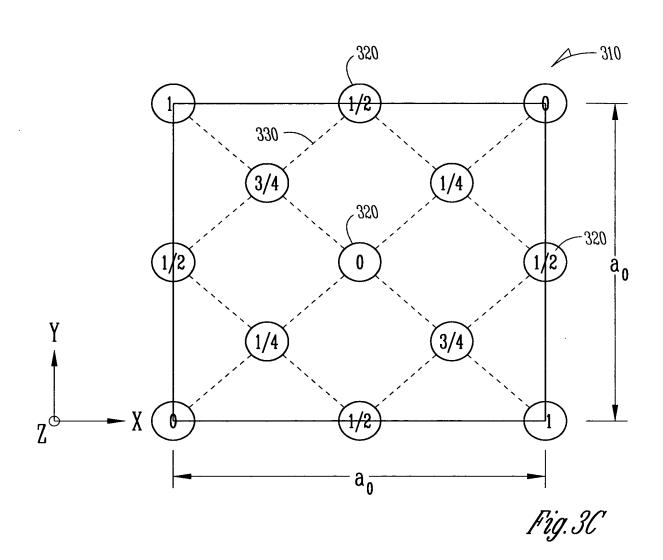






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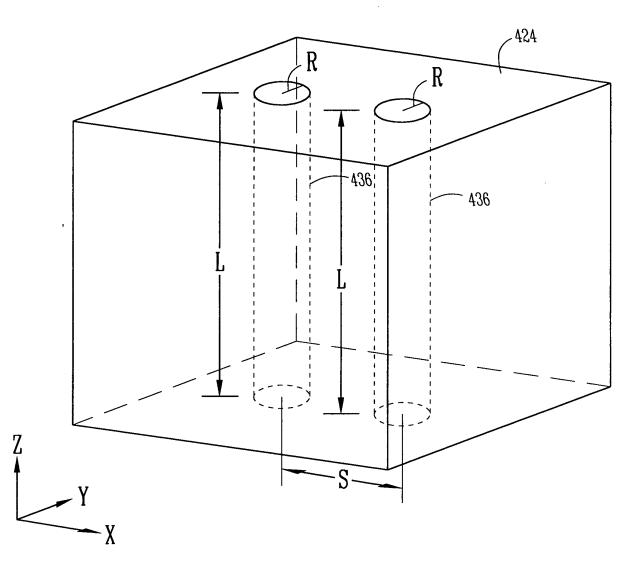
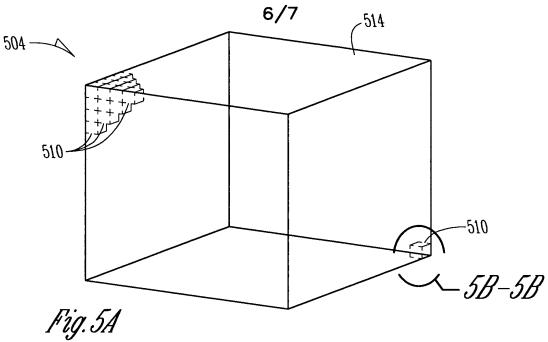
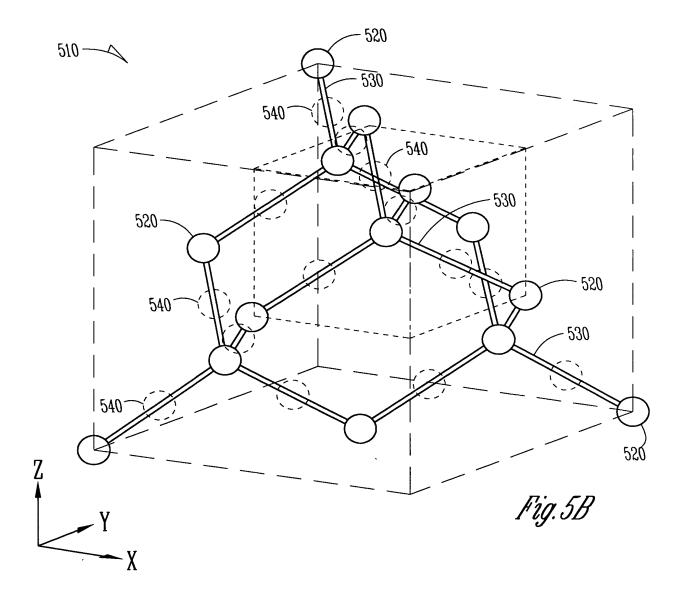


Fig. 4







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